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OPPENHEIMER WOLFF &amp; DONNELLY LLP

Plaza VII, Suite 3300  
45 South Seventh Street  
Minneapolis, MN 55402-1609612.607.7000  
Fax 612.607.7100**RECEIVED**  
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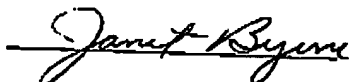
August 29, 2005

**TO:** Examiner Karl Easthom  
**COMPANY:** U.S. Patent and Trademark Office – Art Unit 2832  
**PHONE:** 571.272.1989  
**FAX:** 571.273.8300

**FROM:** Rudolph P. Hofmann  
**DIRECT DIAL:** (612) 607-7340  
**EMAIL:** RHofmann@oppenheimer.com  
**RE:** U.S. Patent Application No. 09/656,694  
Attorney Docket No.: 9028-322

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that an Amendment and Response to Final Office Action are being facsimile transmitted on the date shown below, to the U.S. Patent and Trademark Office.

  
Janet Byrne

8-29-2005

Date

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Serial No.: 09/656,694  
In reply to Office Action mailed: May 27, 2005  
Page 1 of 13

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AUG 29 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Aravind Padmanabhan  
Serial No.: 09/656,694  
Filed: September 7, 2000  
Title: ROBUST FLUID FLOW AND PROPERTY  
MICROSENSOR MADE OF OPTIMAL  
MATERIAL  
Docket No.: 9028/322

Group Art Unit: 2832  
Examiner: Karl D. Easthom

Mail Stop AF  
Commissioner of Patents  
P.O. Box 1450  
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Janet Byrne

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

This paper is responsive to the Office Action dated May 27, 2005.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.